

A

Abdel-Dayam, H M, 102, 139
 Abdel-Dayem, H M, 17, 29, 286, 334
 Abdul-Rahim, S M, 286
 Aburano, T, 366, 599, 808, 903
 Acio, E R, 667
 Ackerman, E S, 640
 Ackerman, L, 348
 Ackery, D, D20
 Adams, M B, 606
 Adelberg, H, 416
 Ador-Dionisio, J, 204
 Ahn, C-S, 371
 Akatsuka, S, 276
 Akhtar, R, 730
 Aksut, S V, 786
 Alanko, K, 107
 Alavi, A, 99, 450
 Alford, B A, 920
 Al-Gazzar, A H, 900
 Aliabadi, P, 710
 Allard, J C, 114, 663
 Allen, S L, 491
 Allende-Riera, A, 896
 Allwright, S J, 506, 561
 Al-Mohannadi, Sh, 334
 Alston, D, 763
 Al-Suhaili, A R, 102, 334, 512
 Alter, A J, 211
 Althaus, S J, 375
 Amesur, P, 35
 Andrews, J, 86
 Ansari, A N, 120, 509
 Antico, V F, 506
 Arai, K, 283
 Arkles, B, 13
 Arnaut, M A, 730
 Arnold, S, 770
 Arnow, J R, 303
 Ascher, S A, 1
 Ashburn, W L, 4, 638
 Asnis, S, 491
 Asp, A A, 294
 Ayabe, Z, 117
 Azaria, M, 649

B

Babbal, R W, 298
 Babchuk, W I, 337
 Bahar, R H, 102, 334, 900
 Bajakian, R L, 66, 831
 Balasubramanian, N, 667
 Balino, N P, 77
 Ballinger, J R, 169
 Baniel, J, 525
 Banner, H J, 190
 Bardfeld, P A, 669
 Barrett, M R, 880
 Barron, B J, 583
 Basso, L V, 260
 Bates, F T, 89

Batista-Lopez, N, 896
 Batson, R, 438
 Beasley, J J, 186
 Bekerman, C, 629
 Bell, R M, 465
 Benjamin, S B, 586
 Bennett, J D, 44
 Bennett, M, 669
 Benua, R S, 46
 Berger, M, 305, 527
 Berman, D S, 321
 Bernstein, R G, 166
 Best, J J K, 647
 Beyea, D, 268
 Beytas, E M, 694
 Bietendorf, J, 321
 Bihl, H, 590
 Bilbrey, G L, 7
 Bilotta, W R, 123
 Bisson, G, 571
 Black, R R, 483, 823, 863
 Blaha, D, 229
 Blaha, J D, 82
 Blend, M J, 629
 Blue, P W, 294, 812
 Bocchini, T, 892
 Bofill, E R, 661
 Bossuyt, A, 352
 Boudreau, R J, 375, 471, 716, 920
 Bouyoucef, S E, 305
 Bouyoucef, S-E, 527
 Bowering, C K, 632
 Brachman, M B, 416
 Breitz, H B, 153
 Broder, G J, 644
 Brown, M L, 859
 Bruix, J, 280
 Brunetti, J C, 397, 800
 Buckner, A B, 759
 Buhlinger, C, 66

C

Calvet, X, 280
 Camin, L L, 77
 Campeau, R J, 919
 Capitanio, M A, 359
 Carnell, A, 786
 Carrier, L, 41, 132, 701, 924
 Castiglia, S, 77
 Castronuovo, J J, 35
 Catafau, A, 194, 280
 Cattau, E L, Jr, 586
 Ceccarelli, C, 192
 Cefalu, J B, 920
 Chandramouly, B, 35
 Chapman, P R, 506
 Charron, M, 339, 640, 761
 Chartrand, R, 41, 132, 701, 924
 Chen, D C P, 120, 502
 Chervu, L R, 166
 Choi, H, 730

Chowdhury, S, 859
 Ciarleglio, C A, 586
 Clark, W F, 44
 Coel, M, 155
 Cohen, M, 525
 Cohn, J R, 543
 Collen, M J, 586
 Colletti, P M, 509
 Collier, B D, 89, 96, 264, 368, 465, 531, 538, 606
 Collier, D, 786
 Cone, L, 419
 Conrad, G R, 459, 721
 Conte, F A, 298
 Cooper, R A, 561
 Cooperman, A M, 800
 Cordell, A R, 421
 Cornelius, E A, 243
 Corstens, F H, 62
 Cosolo, W, 13
 Coulthard, S, D34
 Cowan, R J, 421
 Crawford, G J, 812
 Creagh, M F, 241
 Croll, M N, 469
 Cruces, J V, III, 250

D

Dadparvar, S, 469
 Dake, M D, 258
 Daly, D, 135
 Damideaux, J, 305, 527
 Datz, F L, 68, 123
 David, R, 402
 Davies, R A, 169
 Davis, M J, 915
 Davis, P S, 543
 de la Rocha, S R, 619
 De Regt, R H, 635
 Dehdashti, F, 538
 Delaplain, C B, 783
 Delbeke, D, 843
 Delprat, C C, 159
 Deresiewicz, R, 640
 Desai, A, 237
 Deseran, M W, 509
 Devich, E C, 786
 deVries, D F, 214
 Dewanjee, M K, 859
 Dey, H M, 565, 681, 756
 Dhekne, R D, 583, 671, 886
 Domstad, P A, 38, 137
 Donahue, P M, 531
 Donnal, J F, 694
 Drake, D G, 471
 Drake, G, D62
 Drane, W E, 182, 356
 Driedger, A A, 44
 du Cret, R P, 375, 471, 716, 920
 Dubeau, R A, 44

Duke, R A, 880
Duranceau, A, 577

E

Eagel, B A, 869
Earl, J M, 207
Edeling, C-J, 467
Eisenberg, B, 99, 214
El Sayed, M, 139
Elgazzar, A H, 29
El-Gazzar, A H, 286, 823
Embon, O M, 363
Engelberg, S, 649
English, R J, 486, 640
Epstein, D H, 26
Ernstoff, M S, 243
Erzen, C, 883
Evans, D D, 734
Evans, D G, 4, 638
Everhart, F R, Jr, 792
Ewey, D, 264

F

Fahey, F H, 586
Faulk, R M, 212
Feldmeier, J E, 533
Fellmeth, B, 410
Felsberg, G J, 669
Fernandez-Ulloa, M, 483, 823, 863
Ferris, J V, 430
Fetters, D V, 734
Fig, L M, 765
Fineman, D, 789
Finkel, J, 166
Finn, M C, 186
Fisher, M C, 359
Fleischer, D E, 586
Flynn, T R, 473, 549
Forouhar, F, 734
Forstrom, L A, 859
Foster J, 114
Franklin, P, 663
Franze, I, 212
Frederiksen, P B, 467
Frenkel, A, 363
Frick, M P, 212
Friedman, B, 368
Friedman, J, 321
Front, A, 209
Fujioka, M, 366, 599
Fukunaga, M, 291

G

Gainey, M A, 359
Gallagher, B, 736
Gandsman, E J, 517
Garcia, A, 194
Garcia, E V, 321
Garipey, G, 41
Garvin, P J, 171
Gatenby, R A, 644
Gates, G F, 327, 907
Gavant, M L, 880

Gelfand, M J, 833
George, E A, 171
Gerson, B, 169
Gilbertson, V, 679
Gines, A, 280
Giovanniello, J, 696, 820
Gips, S, 209
Glaser, A M, 502
Glasser, L M, 886
Glowniak, J V, 835
Goldsmith, M S, 250
Goldsmith, S J, 789
Gomez-Sirvent, J L, 896
Gonzalez-Reimers, C E, 896
Goris, M L, 915
Gottschalk, R, 736
Gould, E, 491
Gould, L, 696
Graham, A, 892
Graham, M M, 153
Granato, D B, 171
Grau, M, 194
Greenspan, G, 4
Gregg, D C, 57, 300, 533
Greyson, N D, 204
Grimmond, A P, 544
Groshar, D, 363
Gruenewald, S M, 506
Grunow, J E, 546
Gubernick, I, 229
Gudi, K A, 820
Gulenchyn, K Y, 169
Gunasekera, R, 117
Gupta, S M, 438
Gushiken, B, 155
Guten, G N, 96, 531
Guyen, M, 883
Guze, B H, 496
Gyobu, T, 53

H

Habibian, R, 843
Habuchi, Y, 748
Haddon, M J, 928
Haden, H T, 569
Hagen, T C, 730
Halkar, R K, 17
Halker, R, 286
Halpern, S E, 4
Ham, H R, 136
Hansen, R M, 538
Hardoff, R, 209
Harre, R G, 459
Harris, V, 202
Hartshorne, M F, 423, 759
Hasegawa, M, 792
Hashimoti, S, 206
Hashimoto, S, 926
Hassan, I M, 286
Hatfield, M K, 443
Hawkins, R, 496
Hays, T J, 301
Hayward, R S, 632
Hellman, R S, 89, 264, 538, 606, 786
Helson, L, 46

Hendricks, P, 325
Herranz, R, 280
Herrera, N E, 438
Higashi, K, 625
Higashi, T, 110, 792
Higazi, E, 139
Higgins, W L, 26, 82
Hiltz, A, 727
Hino, M, 748
Hirano, T, 919
Hisada, K, 53, 366, 599, 808, 903
Hoefnagel, C A, 159
Hoffman, R G, 786
Hoffmann, R G, 606
Hohnson, D R, 826
Holloway, H, 32
Holman, B L, 77, 486
Holmes, R A, 127, 673
Holt, D, 841
Hoshi, H, 595, 742
Houle, S, 472
Houte, K V, 352
Howard, J L, 671
Hughes, J J, 826

I

Ibrahim, A, 900
Ichise, M, 486
Ichiya, Y, 117
Ichibanagi, K, 808
Iida, Y, 283
Ikekubo, K, 748
Ikuta, H, 110
Il, M, 53
Iles, S, 727
Intenzo, C M, 237, 325, 543
Ishihara, T, 748
Ishikawa, M, 206
Isithman, A T, 465
Isitman, A T, 89, 264, 531, 538, 606, 786
Ito, H, 748
Ito, K, 792
Itoh, H, 366

J

Jackson, D E, 298
Jain, C U, 820
Jamil, M, 286
Janssen, S, 574
Jaros, R H, 756
Jhingran, S G, 23
Jinnouchi, S, 595, 742
Johnson, J, 32
Johnson, K A, 486
Johnson, L A, 378
Johnston, G S, 657
Joseph, U A, 23

K

Kaddah, N, 102
Kagen, S, 615
Kahn, C E, Jr, 443

Kakuma, K, 366, 599
 Kaplan, G D, 7
 Kaplan, W D, 602
 Karvelis, K C, 129
 Kasagi, K, 283
 Kassamali, H, 303, 565, 756
 Katagiri, M, 276
 Kauffman, H M, 606
 Kawahara, S, D68
 Kayani, N, 303
 Kazuto, K, 808
 Keefe, E B, 704
 Keeling, C A, 260
 Kell, M, 529
 Keller, C E, 125
 Kelly, B J, 356
 Kernek, C B, 271
 Kershner, M S, 331
 Keyes, J W, Jr, 207
 Khammash, N F, 17
 Kidd, G S, 294
 Kim, D Y, 716
 Kim, E E, 580
 Kim, S, 237, 325
 King, D, 177
 Kinoshita, K, 742
 Kirchner, P T, 426
 Kirkwood, J M, 243
 Koci, T, 407
 Kohn, H S, 96, 531
 Kolla, I S, 529, 841
 Kolodny, G M, 761
 Konishi, J, 283
 Koritny, E S, 363
 Kosuda, S, 206, 926
 Kotlyarov, E V, 515
 Kottamasu, S R, 125
 Kramer, E L, 190, 615
 Krasnow, A Z, 89, 264, 538
 Kratka, P S, 463
 Krecak, J, 57
 Krishnamurthy, G T, 704
 Krishnamurthy, S, 704
 Kroop, S, 491
 Krubsack, A J, 730
 Kubasik, H, 286
 Kubo, A, 206, 926
 Kubouchi, K, 276
 Kuni, C C, 716
 Kunieda, E, 206
 Kuwabara, Y, 117
 Kwai, A H, 373

L

Laflamme, L, 577
 Lagreze, H L, 197
 Lakshmanan, M, D8
 Lane, J I, 331
 Langer, J E, D16
 Larson, D C, 682
 Lavender, J P, 512
 Ldibowich, S, 829
 Le Bel, L, 41, 132
 Lecklitner, M L, 186, 826
 Leclerc, Y, 571

Lee, H K, 545, 635, 763
 Lee, K J, 613, 675
 Lee, V W, 114, 663
 Leonard, J C, 546, 619, 682
 Levatter, R, 433
 Levine, R L, 197
 Levy, L, 889
 Lewis, J H, 586
 Lieberman, D, 704
 Lieberman, L M, 649
 Ling, M C C, 258, 783
 Lipman, J C, 602
 Lippi, F, 192
 Lippman, H R, 569
 Liprandi, A S, 77
 Loken, M K, 471
 Lomeña, F, 194, 280
 Long, S E, 671, 886
 Lubin, E, 525
 Lundy, M M, 812
 Lynn, J, 512

M

Mace, A H, 82
 Mack, J M, 654
 Maddahi, J, 321
 Maddrey, W, 188
 Madsen, J L, 345
 Madsen, M, 237
 Maghazeh, P, 696
 Magoun, S, 38, 306
 Maguire, F P, 375
 Maher, K A, 586
 Mahmoud, A R, 29, 286
 Mahmoud, S, 900
 Makhija, M, 661
 Malinoff, H, 498
 Malley, M J, 127, 673
 Manabe, Y, 792
 Mandell, J B, 761
 Marcus, C S, 407, 652
 Margouleff, D, 491
 Martin, W B, 443
 Masoli, O, 77
 Massardo, T, 786
 Massie, J D, 880
 Masuda, K, 117
 Mathewson, J, 472
 Mathieu, L, 305, 527
 Mathieu, P, 527
 Matsuda, H, 53
 Mattay, V S, 515
 McArthur, D A, 919
 McCartney, W H, 402
 McCullough, R W, 517
 McCullum, K, 356
 McKusick, K A, 77
 McLymont, F, 635
 McNeil, B J, 710
 Mechlis-Frish, S, 525
 Mehr, S H, 212
 Mekhmandarov, S, 649
 Melloul, M M, 525
 Michigishi, T, 903
 Milette, P C, 701

Miller, J H, 652
 Mimura, T, 792
 Misaki, T, 283
 Mishikawa, Y, 792
 Mitchell, D S, 546
 Mitta, A, 77
 Miyamura, T, 625
 Miyazaki, Y, 366, 599
 Moldofsky, P J, 644
 Molnar, C P, 736
 Moore, I J, 212
 Moore, W H, 671, 886
 Morais, J, 41
 Morand, T M, 179
 Moreno, A J, 768
 Mori, T, 748
 Mori, Y, 110
 Morimoto, K, 291
 Morrissey, G J, 44
 Morita, K, 291
 Morita, R, 291
 Morris, J G, 613, 675
 Morris, J H, 486
 Morstyn, G, 13
 Moser, L, 177
 Moskowitz, G, 889
 Motohashi, H, 110
 Mountz, J M, 498
 Mousa, A M, 102
 Muherji, S, 207
 Murray, B L, 471
 Myerly, K F, 426
 Myrvold, H, 751

N

Nagai, K, 291
 Nagel, J S, 486
 Nakano, S, 742
 Nakashima, T, 117
 Nash, P, 561
 Nasu, K, 748
 Nawaz, M K, 102
 Neumann, R D, 243
 Nguyen, D L, 682
 Nickles, R J, 197
 Nicole, M, 59
 Nishimi, L, 120
 Nishiyama, H, 179
 Norton, J, 866
 Nunan, T O, 241

O

Oates, E, 130, 296, 419, 623, 679, 691, 805, 922
 Ober, K P, 421
 O'Donnell, C, 86
 Ohguchi, M, 625
 Ohmura, T, 276
 Okerlund, M D, 258
 Okimura, T, 625
 Olmos, R A V, 677
 Omar, Y T, 286
 Ono, S, 291
 Oosten, H R, 574

Oster, Z H, 376, 541
 Østergaard, E, 467
 Otani, M, 748
 Otsuka, N, 291
 Ozaki, O, 792
 Ozturk, C, 883

P

Pacini, F, 192
 Palace, F M, 831
 Palestro, C, 789
 Pan, C C, 833
 Park, C H, 188, 237, 325, 543
 Park, H-M, 271
 Parker, S H, 812
 Patel, D M, 696, 820
 Patel, M, 805, 889
 Patel, S, 889
 Patel, Y D, 463
 Patel, Y P, 438
 Patton, D, 892
 Patton, J A, 410
 Paulson, E, 68
 Payne, S D, 880
 Pedersen, S A, 467
 Peracha, H U, 473, 549, 772
 Peters, V J, 423
 Petrozzo, P J, 629
 Pettigrew, R, 529
 Picard, D, 41, 132, 701, 924
 Picard, M, 701
 Piers, D A, 574
 Pinchera, A, 192
 Pinsky, S M, 629
 Podoloff, D A, 580
 Polga, J P, 378
 Polley, T, 433
 Pons, F, 194, 280
 Ponto, J A, 342
 Port, S, 786
 Prenger, K B, 574
 Prigent, F, 321
 Primeau, M, 701, 924
 Purcell, M, 38

R

Rafii, M, 615
 Raftery, R G, 682
 Rageb, A, 286
 Ramanna, L, 416
 Rao, S A, 606
 Rasis, I P, 188
 Ratto, D, 509
 Rawlinson, J, 878
 Raynal, M, 527
 Reba, R C, 515
 Reeves, T A, 768
 Reitz, M D, 61
 Reynolds, J, 866
 Richter, M P, 644
 Riedasch, G, 590
 Rieser, G D, 421
 Robb, J A, 271
 Robbins, J, 866

Rodriguez-Moreno, F, 896
 Rolfes, R J, 59
 Romslo, I, 751
 Roselló, R, 194
 Rosenbaum, R C, 63, 657
 Rosenberg, R J, 928
 Rosenthal, L, 339
 Rossleigh, M A, 613, 675
 Rothman, B J, 416
 Rouso, I, 525
 Rozanski, A, 321
 Rubenstein, J H, 644
 Ruddy, T D, 169
 Rush, C, 535
 Ryan, J W, 443
 Ryo, U Y, 306, 617

S

Sacks, D, 331
 Sadahiro, S, 276
 Sadek, S A, 139
 Sagar, V V, 56
 Sahlström, K, 107
 Sahweil, A, 286
 Saiki, Y, 748
 Sakurai, T, 117
 Salazar, J E, 880
 Salhany, K E, 410
 Salimi, Z, 171
 Salinas-Madrigal, L, 171
 Sameshima, M, 595
 Samii, M, 816
 Sandler, M P, 32, 410
 Sandler, M S, 450
 Sanger, J J, 190
 Santolaria-Fernandez, F J, 896
 Sarff, L, 770
 Sarkar, S D, 1
 Sarno, R C, 623, 691
 Sautter-Bihl, M L, 590
 Sazbon, A, 363
 Schaffer, A, 866
 Schulte, W J, 730
 Schürch, W, 577
 Seabold, J E, 459
 Segall, G M, 915
 Segers, O, 352
 Seishu, S, 366
 Seiwert, V J, 179
 Seltzer, S E, 710
 Setoain, J, 194, 280
 Shapira, Z, 525
 Shapiro, B, 765
 Shih, W-J, 38, 137, 306, 617
 Shimozato, S, 748
 Shirkhoda, A, 402
 Shmueli, D, 525
 Shoemaker, D W, 834
 Shulkin, B L, 131, 175, 433, 765, 917
 Siddiqui, A R, 202, 839
 Siegel, M E, 120, 177, 502, 509
 Silberstein, E B, 135, 823
 Silver, L, 346
 Silverman, E D, 129
 Simon, T R, 369

Sirota, P S, 153
 Sisson, J C, 433
 Skarzynski, J J, 545, 635, 763
 Slavin, J D, Jr, 93, 654, 834
 Slizofski, W J, 469
 Smith, J J, 667
 Soldano, L, 621
 Solin, L J, 644
 Somers, G, 352
 Southee, A E, 613, 675
 Sparagana, M, 348
 Spencer, R P, 93, 303, 379, 473, 544, 549, 611, 654, 681, 734, 772, 834, 928
 Spivak, W B, 1
 Sporn, V, 77
 Srivastava, S C, 166
 Stacy, T M, 546
 Statz, E, 130
 Stern, J, 535
 Stewart, C A, 177, 301
 Stier, S A, 869
 Stomper, P C, 602
 Sty, J R, 57, 300, 533, 770
 Suga, K, 110
 Sugarman, L A, 463
 Sulzer, J L, 468
 Sunderland, J S, 197
 Suzuki, A, 792
 Suzuki, S, 276
 Swan, C S, II, 756
 Swayne, L C, 66, 831
 Sziklas, J J, 772, 928

T

Taillefer, R, 577
 Tamura, K, 926
 Tanasescu, D E, 250, 416
 Taniguchi, M, 366, 599
 Taylor, A, 841
 Taylor, D W, Jr, 337
 Taylor, S, 491
 Tchang, F, 816
 Tehranzadeh, J, 229
 Telepak, R J, 759
 ter Penning, B, 863
 Terao, A, 291
 Thivolle, P, 305, 527
 Thoresen, J E, 751
 Tien, R, 583, 886
 Timmons, J H, 759
 Tisdale, P L, 606
 Tiu, S, 190
 Tobin, K D, 63
 Tokuda, Y, 283
 Tomomitsu, T, 291
 Tonami, N, 903
 Tong, E C K, 816
 Toth, P J, 190
 Tow, D E, 371
 Trembath, L, 606
 Trepashko, D W, 833
 Treschuk-Bahn, J, 544
 Trombley, B A, 407
 Truwit, C L, 423

Tsumura, O, 276
Tumeh, S S, 373, 602, 640, 710, 829
Turktas, H, 883
Turnbull, G L, 768
Tuvia, J, 889

U

Ugur, P, 883
Unger, J, 669
Unger, M M, 243
Urrutia, E J, 59
Uwada, O, 595

V

Valente, W A, 657
van der Schoot, J B, 159
Van Groningen, C J, 677
Van Heertum, R L, 397, 800
Van Train, K, 321
Van Valenberg, P L, 62
VanNess, M M, 182
Varma, D G K, 919
Vasirapee, P, 61
Vasquez, T E, 4, 638
Vazquez, R, 296, 419
Vega, R J, 211
Velchik, M G, 99, 214, 450, 874
Veluvolu, P, 96, 368, 465, 531
Vemuri, B R, 337
Verdy, M, 577
Verrault, J.-M., 924

Verreault, J, 571
Vieras, F, 667
Vieux, U, 763
Vignon, E, 527
Vitullo, D A, 629
von Moll, L K, 175
Vorne, M, 107

W

Wafai, I, 334
Wakem, C, 869
Walker, B S, 369
Wallace, J C, 268
Walshe, T M, 486
Walz, D J, 337
Wardlaw, J M, 647
Warshauer, D M, 468, 621
Warshawski, R S, 632
Waseda, N, 748
Wasnich, R D, 783
Watanabe, K, 595, 742
Waxman, A D, 250, 321, 416
Weissman, B N, 710
Weix, J, 7
Wells, R G, 57, 300, 533
Wesolowski, C A, 721
Whalen, J P, 96, 368, 465, 531
Wierzbinski, B, 306
Wig, J, 751
Williams, C R, 125
Williams, V L, 26
Williams, W, 892
Wilson, M W, 498

Winn, R S, 331
Wise, P A, 56
Woodard, M L, 629

Y

Yamaguchi, H, 748
Yamamoto, I, 625
Yanagimoto, S, 291
Yang, D C, 696, 820
Yang, S L, 188
Yashiro, T, 792
Yee, W K, 696
Yeh, F, 783
Yeh, S D J, 46, 734
Yellin, J, 863
Yip, T-C K, 472
Yobbagy, J J, 433
Yokoyama, K, 808, 903
Yudd, A P, 397, 800
Yuschok, T J, 59

Z

Zalcberg, J R, 13
Zanin, D, 159
Zanzi, I, 491
Zielonka, J S, 730
Ziessman, H A, 207, 430, 586
Ziewacz, J T, 93
Zimet, A S, 13
Zoghbi, S S, 243
Zuckier, L S, 463

Subject Index—Volume 13

A

- Adrenal imaging
 - cortical adenoma, medullary in MEN, 730
 - return of cortical function after treatment, 348
- AIDS
 - cerebral toxoplasmosis with Ga-67, 679
 - cutaneous Ga-67 uptake, 506
 - functional hyposplenism, 840
- Arthrogram, radionuclide
 - cementless joint prostheses, 82
- Atlas articles
 - noninflammatory entities and the differential diagnosis of positive three phase bone imaging, 844
 - SPECT imaging of the lumbosacral spine and pelvis, 907
 - technetium-99 HM-PAO images (planar and SPECT) of the human brain, 139

B

- Blood flow imaging
 - A-V dialysis shunt, 469
 - abdominal hemangiomas, 471
 - brain death, 438
 - calf muscle AVM, 86
 - double inferior vena cava, 671
 - dynamic bone imaging, 517
 - extrarenal hypervascular tumors, 590
 - giant cell tumor of bone, 89
 - hemangiopericytoma simulating accessory spleen, 812
 - hepatocellular carcinoma with Tc-99m DISIDA, 325
 - ileal cavernous hemangioma, 32
 - inferior vena cava obstruction, 209
 - inguinal hernia, 677
 - IVC obstruction with Tc-99m RBC, 763
 - negative/lower extremity venography, significance, 26
 - obstructive uropathy, 823
 - pseudoaneurysm of celiac artery, 837
 - recanalized umbilical vein with Tc-99m DISIDA, 621
 - ruptured hepatic artery aneurysm, 831
 - superior vena cava obstruction, 369, 407
 - total body arteriography, 696
 - transplant renal vein thrombosis, 426
 - with liver and spleen imaging, 402
- Bone densitometry
 - dual photon, clinical correlation, 175
 - single photon in osteoporosis, 7
 - value of bone mineral measurements in pre-fracture osteoporosis, P10
- Bone imaging
 - acute radiation induced inflammation, 430
 - asymmetric humeral head activity after radiation, 681
 - brucellosis, 102
 - Caffey's disease, 583
 - cementless joint prostheses, 82
 - chondromalacia of patella, 96
 - chronic osteomyelitis, 710
 - clavicular hyperostosis, 345
 - condensing osteitis of clavicle, 177
 - en bloc* osteocutaneous autotransplantation, 186
 - evaluation of feet, P21
 - false negative during etidronate disodium therapy, 264
 - flare response in carcinoma of lung, 13
 - fracture vs osteomyelitis, 38
 - Ga-67 in multiple myeloma, 179
 - Gaucher's disease, 491
 - giant cell tumor of bone, SPECT, 89
 - Gorlin's syndrome, 549
 - hemangioma, 768
 - Hunter's shoulder, 62
 - hyperostosis frontalis with In-111 WBC, 68
 - hypertrophic osteodystrophy, 611
 - increased cervical spine uptake, 483
 - lipid granulomatosis, 736
 - mastocytosis, 673
 - occult femoral, tibial fractures in infants, 271
 - osteonecrosis, 219
 - osteopoikilosis, 816
 - painful hip prostheses, infection and loosening, 229
 - pedal osteomyelitis, P24
 - pelvic infarction, 613
 - photopenia after radiation with Ga-67, 303
 - photopenia in metastasis, 371
 - photopenia with hemangioma, 661
 - polyostotic fibrous dysplasia, 241
 - reflex sympathetic dystrophy, P16
 - sacral fractures, P21
 - Schmorl's node, 615
 - soft tissue sarcoma and bone, 24
 - hour scan, 649
 - solitary spine abnormalities, 527
 - SPECT of lumbosacral spine, pelvis, 327
 - SPECT of the lumbosacral spine, pelvis (Atlas article), 907
 - spontaneous femoral osteonecrosis, 756
 - stress fracture of scapula, 531
 - subperiosteal abscess, P17
 - Tc-99m DISIDA uptake in hepatoma metastasis, 280

- Tc-99m HMPAO in metastasis, 595
three phase and noninflammatory entities (Atlas article), 844
three phase, intraosseous ganglion, 647
time activity curves, 71
time activity curves on dynamic imaging, 517
treated monostotic Paget's disease, 93
- Bone imaging agents (extraskelatal)**
A-V dialysis shunt, on blood flow, 469
absent uptake in pulmonary alveolar microlithiasis, 883
acute radiation nephritis, 789
amyloidosis, 675
ascites, 137
calcific deposits in tumor lysis, 765
cardiac calcification with Tc-99m MDP, 153
cerebral infarction with SPECT, 268
cutaneous fistula from hip, 820
en bloc osteocutaneous autotransplantation, 186
extraosseous abnormalities in multiple myeloma, 869
hepatocellular damage from verapamil, 368
iliopsoas abscess in acute myelogenous leukemia, 682
inguinal hernia, 129
intervertebral disc, 928
intrarenal abscess, 127
lipid granulomatosis, 736
liver hemangioma, 132
liver metastases, 218
liver uptake in AA amyloidosis, 194
lung uptake after liver transplantation, 188
muscle uptake, 538
nonmalignant pleural effusion, 298
prolapse of urinary bladder, 834
silent brain infarction, 498
skull mucocele, 135
soft tissue in polymyositis, 291
spleen in severe combined immunodeficiency disease, 339
streptococcus cellulitis, 359
subcutaneous ossification with SPECT, 423
sigmoid artefact, 375
synovial osteochondroma, 617
trochanteric bursitis, 561
vesicorectal fistula, 206, 625
- Bone marrow imaging**
In-111 WBC after splenectomy, 623
metastases with Tc-99m SC, 919
osteomyelitis vs infarction in sickle hemoglobinopathy, 443
pelvic infarction, 613
Tc-99m HMPAO in avascular necrosis, 44
- Book reviews**
Analytical and Chromatographic Techniques in Radiopharmaceutical Chemistry by D.M. Wieland, M.C. Tokes and T.J. Mangner. Reviewed by Ronald J. Callahan, Ph.D., 309
Cardiac Imaging and Image Processing by S.M. Collins and D.J. Skorton. Reviewed by J.G. Llaurodo, M.D., 146
Cardiac Nuclear Medicine by M.C. Gerson. Reviewed by J.G. Llaurodo, M.D., 217
Diagnostic Nuclear Medicine Patient Studies by H.N. Wagner, Jr., J.W. Buchanan and D. Espanola-Vassallo. Reviewed by Daniel R. Hain, M.D., 380
Diagnosis of Metabolic Bone Disease by P. Grech, T.J. Martin, N.A. Barrington and P.J. Ell. Reviewed by Hunter Heath III, M.D., 147
Introductory Physics of Nuclear Medicine by R. Chandra. Reviewed by Shlomo Hoory, Ph.D., 146
Nuclear Cardiac Imaging by A.S. Iskandrian. Reviewed by J.G. Llaurodo, M.D., 307
Nuclear Gastroenterology by P.J.A. Robinson. Reviewed by Dr. J.H. McKillop, 551
Nuclear Medicine Therapy by John C. Harbert. Reviewed by John B. Selby, Sr., M.D., 216
Nuclear Pharmacy by H.M. Chilton and R.L. Witcofski. Reviewed by James A. Ponto, M.S., 147
Radiodiagnostic Scintigraphy by J.N. Talbot. Reviewed by Raymond Taillefer, M.D., 381
Radiopharmaceuticals in Nuclear Medicine Practice by R.J. Kowalsky and J.R. Perry. Reviewed by Alice M. Scheff, M.D., 308
The Essentials of Nuclear Medicine Imaging by F.A. Mettler, Jr. and M.J. Guiberteau. Reviewed by Gerard W. Moskowitz, M.D., 473
The Heart by J. Willis Hurst. Reviewed by Thomas P. Phiamolis, M.D., 308
The Management of Post-Myocardial Infarction Patients by D.S. Sheps. Reviewed by J.G. Llaurodo, M.D., 380
- Bowel imaging**
diverticulitis with pertechnetate, 373
viral encephalitis with SPECT, 640
- C**
- Cadmium, 109
tumor uptake in mice, P23
Cisternography, radionuclide
CSF leak, 701
pseudomeningocele, 889
- D**
- Dipyridamole Tl-201 imaging diabetes, 70
oral and intravenous administration, 786
Dual photon bone absorptiometry
clinical correlation, 175
- F**
- Fe-59
Fate of iron containing agents P19

G

- Gallium-67 citrate
and Tc-99m GH in diffuse lung disease, 107
anticardiolipin syndrome, 356
bone metastasis, 371
cerebral toxoplasmosis in AIDS, 679
chronic berylliosis, 509
congenital nephrotic syndrome, 833
cutaneous leprosy, 924
cutaneous sarcoidosis, 770
cutaneous uptake in AIDS, 506
dissecting aortic aneurysm, 565
eosinophilic pneumonia, 41
hepatocellular carcinoma, 535
lymphoid granulomatosis, 886
marker of rate of tumor growth, P21
multiple myeloma, 179
mycotic popliteal aneurysm, 571
mycosis fungoides, 120
osteomyelitis vs. infarction in sickle
hemoglobinopathy, 443
painful hip prostheses, infection and loosening, 229
pancreatitis, 808
photopenia after radiation, 303
photopenic areas, 502
polyostotic fibrous dysplasia, 241
pulmonary uptake in amidarone toxicity, 826
renal transplant, parenchymal malakoplakia, 525
retroperitoneal fibrosis, 829
salivary gland uptake after sialography, 110
slow entry in fluid compartments, 379
SPECT in polycystic kidneys, 35
thyroid neoplasms, 792
thyroid uptake in amidarone-induced
hypothyroidism, 258
thyroid uptake in Graves' disease, 663
uptake in herpes zoster, 667
uptake in Sjogren's syndrome, 669
- Gastric emptying
effect of exercise, P18
effect of Garren-Edwards bubble, 586
model bias, P19
- Gastrointestinal bleeding site imaging
acute gastric ulcer in infant, 467
battered child, 546
false positive from Paget's disease, 465
fistula from right hepatic artery pseudoaneurysm and
duodenum, 337
horseshoe kidney simulating bleeding, 123
pelvic kidney displacing diverticular bleed, 463
retrograde flow with Tc-99m RBC, 56
sequential dose injections with Tc-99m albumin
colloid, 783
Tc-99m RBC in gastric leiomyoma, 23

- Gated cardiac imaging
doxorubicin toxicity, 565
heart transplant, P13
LVEF with various stimuli, P13
quantitation of LV function, P23
Tc-99m isonitriles, 77

H

- Hepatobiliary imaging
agenesis of gallbladder, 468
anomalous insertion of right hepatic duct into cystic
duct, 61
bile ascites, 366
bile leak, postcholecystectomy,
bile peritonitis, 472
discordant Tc-99m DISIDA and colloid uptake in
segmental biliary obstruction, 599
discordant uptake and liver imaging in amebic
abscess, 114
esophageal reflux, 772
extraction fraction of Tc-99m DISIDA, P18
false positive in cystic fibrosis, 331
gallbladder visualization with Tc-99m RBC, 515
hepatobiliary injury, 751
hepatocellular carcinoma in Alagille syndrome, 920
hepatocellular carcinoma on dynamic imaging, 325
intestinal malrotation, 835
intrahepatic biliary obstruction from hydatid cysts,
334
liver excretory function in portal hypertension, P22
liver transplant, quantitative, dynamic Tc-99 HIDA,
P15
obstruction, diagnostic criteria, 704
radiation and unusual liver configuration, 63
Tc-99m DISIDA and high bilirubin levels, 1
with morphine in acute cholecystitis, 4, 218
- Image reproduction
picture archiving and communication system, P17
- Immunoscintigraphy
In-111, Ga-67, Ga-68 bivalent haptens, P10
In-111 monoclonal antibody in melanoma, 243
Re-188 and Re-186, P13
- Indium-111 diaminetriaminepentaacetic acid (DTPA)
pseudomeningocele on cisternography, 889
- Indium-111 platelets
renal transplant rejection, 606
uptake in polycythemia, 917
- Indium-111 WBC imaging
bacterial endocarditis, 691
bone marrow after splenectomy, 623
colonic localization in Behcet's disease, 459
donor In-111 WBC, 529
Gaucher's disease, 491
hyperostosis frontalis, 68

- hyperostosis frontalis interna, 922
 - intra-abdominal abscess, 863
 - malignant otitis externa, 212
 - non-pathological uptake, P25
 - para-aortic hematoma, 59
 - silent myocardial infarction, 202
 - Sjogren syndrome, salivary and lacrimal gland uptake, 694
 - vascular graft infection, 859
 - Inflammatory lesion imaging
 - acute radiation induced inflammation, 430
 - bacterial endocarditis, 691
 - brucellosis on bone imaging, 102
 - cerebral toxoplasmosis in AIDS, 679
 - chronic berylliosis, 509
 - chronic osteomyelitis, 710
 - cutaneous Ga-67 uptake in AIDS, 506
 - discordant Tc-99m DISID and SC in amebic abscess, 114
 - donor In-111 WBC, 529
 - Ga-67 and Tc-99m GH in diffuse lung disease, 107
 - Ga-67 in cutaneous leprosy, 924
 - Ga-67 in cutaneous sarcoidosis, 770
 - Ga-67 in dissecting aortic aneurysm, 569
 - Ga-67 in eosinophilic pneumonia, 41
 - Ga-67 in herpes zoster, 667
 - Ga-67 in mycotic popliteal aneurysm, 571
 - Ga-67 in retroperitoneal fibrosis, 829
 - Ga-67 in Sjogren's syndrome, 669
 - Ga-67 with SPECT in polycystic kidneys, 35
 - In-111 colonic uptake in Behcet's disease, 459
 - In-111 WBC in vascular graft infection, 859
 - intra-abdominal abscess, 863
 - malignant otitis externa with In-111 WBC, 212
 - mycosis fungoides, 120
 - osteomyelitis vs. infarction in sickle hemoglobinopathy, 443
 - painful hip prostheses, infection and loosening, 229
 - pancreatitis, 808
 - para-aortic hematoma with In-111 WBC, 59
 - pedal osteomyelitis, P24
 - renal transplant, parenchymal malakoplakia, 525
 - Sjogren's syndrome, salivary and cervical gland uptake, 694
 - Tc-99m albumin colloid WBC in abdominal infection, P11
 - vs fracture on 3 phase bone imaging, 38
 - Instrumentation
 - hole parallelism in SPECT collimators, P20
 - image analysis on Macintosh II, P21
 - performance of multiwire gamma camera, P17
 - PET imaging with C-11 thymidine, P24
 - quality assurance for PET, P22
 - well counter simulation for teaching detection principles, P22
 - Iodine-123 iodoamphetamine (IMP)
 - brain tumors, SPECT, 742
 - monitoring Alzheimer's disease with SPECT, P14
 - non-Hodgkin's lymphoma, 926
 - uptake, distribution, washout in SPECT, P15
 - Iodine-123 metaiodobenzylguanidine (MIBG)
 - pancreatic tumor, 352
 - Iodine-123 sodium iodide
 - congenital hypothyroidism, 419
 - squamous cell carcinoma of thyroid, 346
 - struma cordis, 421
 - thyroid cyst as a target lesion, 211
 - Iodine-131 Hippuran
 - renal transplant failure, with Tc-99m DTPA and MRI, 250
 - renal transplant, poor concentrating ability, 716
 - Iodine-131 iodoamphetamine (IMP)
 - auditory hallucinations, 53
 - decreased caudate nucleus uptake in Huntington's disease, 486
 - Iodine-131 iodomethylnorcholesterol (NP-59)
 - return of adrenal function after treatment, 348
 - Iodine-131 Metaiodobenzylguanidine (MIBG)
 - adrenal cortical adenoma, medullary hyperplasia in MEN, 730
 - diagnosis and therapy, medullary thyroid carcinoma, 159
 - false positive from dilated renal pelvis, 900
 - localization of medullary thyroid carcinoma metastasis, 577
 - metastatic medullary thyroid carcinoma, 260
 - multiple endocrine neoplasia, 433
 - neuroblastoma, advanced, 46
 - parathyroid adenoma, 632
 - Iodine-131 sodium iodide
 - accumulation in thyroid carcinoma, 276
 - carcinoma in hyperfunctioning thyroid nodule, 410
 - false positive metastatic survey from colon replacement of esophagus, 192
 - false positive metastatic survey from renal cyst, 416
 - false positive metastatic survey, pectus excavatum, 207
 - liver imaging on metastatic survey, 657
 - low iodine diet for I-131 scanning and therapy, 866
 - mediastinal hemorrhage after hyperthyroid therapy, 574
 - metastatic thyroid carcinoma, normal thyroglobulin, 652
 - vs Tc-99m pertechnetate in thyroid carcinoma, 17
- K**
- Krypton-81m
 - unresolved pulmonary embolism, 136
 - V/Q mismatch in pulmonary fibrosis, 878

L

Letters to the Editor

- bile peritonitis, 472
- liver metastases on bone scan, 218
- morphine and hepatobiliary imaging, 218
- osteonecrosis on bone imaging, 219

Liver imaging

- and CT in metastases in fatty infiltration of liver, 602
- blood flow, 402
- cirrhosis and situs inversus, 301
- computerized imaging in cirrhosis, 896
- diaphragmatic eventration, 619
- diffuse liver disease, 182
- discordance with Tc-99m DISIDA, amebic abscess, 114
- hemangioma with SPECT, 800
- hepatocellular damage from verapamil with Tc-99m MDP, 368
- ischemic hepatopathy with Tc-99m MDP, 759
- left lobe hot spots with SPECT, 580
- postpartum hemorrhage, 635
- radiation therapy and unusual configuration, 63
- SPECT and CT, 397
- SPECT, cavernous hemangioma and other lesions, 237
- transplant, quantitative, dynamic with Tc-99m HIDA, P15

Lymphoscintigraphy

- chylous ascites, lymphocele, 300

M

Monoclonal antibodies

- I-131 anti-CEA antibodies, fragment, medullary thyroid carcinoma, 159
- In-111 ab in melanoma, 243
- In-111, Ga-67, Ga-68 bivalent haptens, P10
- In-111 MoAb in melanoma, 243
- medullary thyroid carcinoma, I-131 MIBG and anti-CEA ab/fragments, 159
- quality control, P23
- radioiodination, P23
- Re-186 labeled NR-Co-02F(ab')₂ for radioimmunotherapy, P24
- Tc-99m N2S2 MoAb fragments, P13

Myocardial imaging

- anomalous left coronary artery with Tl-201 SPECT, 629
- cardiac calcification with Tc-99m MDP, 153
- comparison of Tl-201, Tc-99m MIBI and Bo, P11
- late reversibility, stress defects, ischemic and coronary stenosis, P12
- oral and intravenous dipyridamole Tl-201, 786
- patient motion with Tl-201 SPECT, 321
- prone vs supine Tl-201, P11, 915
- reliability of Tl-201 SPECT, 155

RV infarction in tetralogy of Fallot, Tl-201, 125

RV perfusion defects with Tl-201, P12

sensitivity, specificity in Tl-201 SPECT, P12

silent infarction with In-111 WBC, 202

Tc-99m isonitrile and Tl-201, 77

Tl-201 dipyridamole in diabetes, 70

Tl-201 kinetics with SPECT, P17

Tl-201 reversibility on redistribution, P11

Tl-201 SPECT in heart transplants, P12

N

Nuclear cardiology

- anomalous left coronary artery on Tl-201 SPECT, 629
- bacterial endocarditis with In-111 WBC, 691
- cardiac calcification with Tc-99m MDP, 153
- comparison of Tl-201, Tc-99m MIBI and Bo, P11
- doxorubicin toxicity on gated imaging, 565
- gated imaging in heart transplant, P13
- I-123 phenylpentadecanoic acid in amine model of regional ischemia, P10
- late reversibility, stress defects, ischemia and coronary stenosis, P12
- late Tl-201 reversibility on redistribution, P11
- LVEF with various stimuli, P13
- oral and intravenous dipyridamole Tl-201, 787
- patient motion with Tl-201 SPECT, 321
- prone vs supine Tl-201, P11, 915
- quantitation of LV function, P23
- reliability of Tl-201 SPECT, 155
- RV infarction in tetralogy of Fallot, Tl-201, 125
- RV perfusion defects with Tl-201, P12
- sensitivity, specificity in Tl-201 SPECT, P12
- silent myocardial infarction with In-111 WBC, 202
- Tc-99m isonitrile, Tl-201, 77
- Tl-201 dipyridamole in diabetes, 70
- Tl-201 myocardial kinetics with SPECT, P17
- Tl-201 SPECT in heart transplants, P12

P

Parathyroid imaging

- adenoma, intrathyroidal, 512
- adenoma with I-131 MIBG, 632
- ectopic adenoma, 130
- false positive, 294
- localization prior to surgery, and imaging, P15

Pulmonary perfusion imaging

- abnormal Tc-99m MAA accumulation, 727
- absent perfusion, ventilation with aortic aneurysm, 880
- photopenia, ribs and clavicles, 545
- quantitative and radiotherapy, 644
- resolution of pulmonary embolism with streptokinase, 874
- superior vena cava obstruction, 407
- tumor microembolism, 543

unresolved pulmonary embolism, 136
V/Q mismatch from dissecting aortic aneurysm, 190
V/Q mismatch in interstitial fibrosis, 878

Pulmonary ventilation imaging
abnormal from swallowed aerosol, 842
absent perfusion, ventilation with aortic aneurysm, 880
laryngeal injury, 204
pulmonary embolism, 450
resolution of pulmonary embolism with streptokinase, 874
unresolved pulmonary embolism, 136
V/Q mismatch from dissecting aortic aneurysm, 190
V/Q mismatch in interstitial fibrosis, 878

R

Radioimmunoimaging

In-111, Ga-67, Ga-68 bivalent haptens, P10
In-111 monoclonal antibody in melanoma, 243
Re-188 and Re-186, P13

Radioimmunotherapy

medullary thyroid carcinoma, I-131 MIBG and anti-CEA ab/fragments, 159
Re-186 anti-CEA F(ab')₂ antibody fragment, P14, P24

Regional cerebral blood flow

pitfalls in cerebrovascular disease, 197

Renal imaging

acute radiation nephritis on bone imaging, 792
artefact from tampon, 376
congenital nephrotic syndrome with Ga-67, 833
differential renal clearance, P20
extrarenal hypervascular tumors, 590
floating kidney, 541
GFR with Tc-99m DTPA, In-125 iodothalamate, P22
meningocele with Tc-99m glucoheptonate, 57
polycystic native kidneys during transplant imaging, 296
renal depth, 721
transplant failure, comparison with MRI, 250
transplant, parenchymal malakoplakia, 525
transplant, poor I-131 Hippuran concentrating ability, 716
transplant rejection with In-111 platelets, 606
transplant renal vein thrombosis, 426
transplantation, hemolytic uremic syndrome, 171
tubular cell transport of pertechnetate, 70

S

Single photon absorptimetry osteoporosis, 7
SPECT Imaging (Single photon emission computed tomography)
accessory spleen, 496
Alzheimer's disease therapy, P14

brain, comparison of Tc-99m HMPAO and ECD, 71
brain tumors with Tl-201, P10
brain with Tc-99m ethyl cysteinate dimer, 71
cardiac calcification with Tc-99m MDP, 153
decreased caudate nucleus uptake in Huntington's disease, 486
filtering techniques in liver phantom, P19
Ga-67 in polycystic kidneys, 35
giant cell tumor of bone, 89
hemangioma of liver, 800
hole parallelism in collimators, P20
I-123 IMP in brain tumors, 742
I-123 uptake, distribution, washout, P15
I-131 IMP in auditory hallucinations, 53
late reversibility, stress defects, ischemia and coronary stenosis, P12
late Tl-201 reversibility on redistribution, P11
left hepatic lobe hot spots, 580
liver, cavernous hemangioma and other lesions, 237
lumbosacral spine and pelvis, 327
lumbosacral spine and pelvis (Atlas article), (907)
prone vs supine Tl-201, myocardial, P11, 915
quantitative analysis of brain imaging, P14
regional bronchial flow, P16
reliability of Tl-201 myocardial, 155
sensitivity, specificity in Tl-201 myocardial, P12
spinal vascular malformation, 533
subcutaneous ossification, 423
Tc-99m HMPAO (Atlas article), 139
Tc-99m HMPAO in late onset psychosis, P15
Tl-201 in heart transplants, P12
Tl-201 myocardial kinetics, P17
viral encephalitis, 640

Spleen imaging

accessory spleen, 496
blood flow in, 402
cirrhosis and situs inversus, 301
functional asplenia, idiopathic, 544
functional hyposplenia with AIDS, 840
hemangiopericytoma simulating accessory spleen, 812
Tc-99m MDP uptake in severe combined immunodeficiency disease, 339
wandering spleen and decubitus views, 66

T

Technetium-99m albumin colloid
sequential dose injections, 783
Technetium-99m albumin colloid white blood cells
abdominal infection, P11
Technetium-99m antimony colloid
lymphoscintigraphy in chylous ascites, lymphocele, 300
Technetium-99m diethylenetriamine pentaacetic acid (DTPA)
abdominal hemangiomatosis, 471

- accumulation in leiomyosarcoma, 654
and I-125 iodothalimate in GFR, P22
artefact from tampon, 376
bladder emptying rate, 363
brain death, 438
colonic scintigraphy, P16
differential renal clearance, P20
extramedullary plasmacytoma, 903
extrarenal hypervascular tumors, 590
floating kidney, 541
kinetics of labeled theophylline, P16
localization in gynecomastia, 306
obstructive uropathy on blood flow, 823
polycystic native kidneys during transplant imaging, 296
renal depth, 721
renal transplant failure, with I-131 Hippuran and MRI, 250
transplant renal vein thrombosis, 426
uptake in malignant fibrous histiocytoma, 734
uptake in uterine leiomyoma, 29
- Technetium-99m diethylenetriaminepentaacetic acid (DTPA) aerosol**
abnormal, swallowed aerosol, 842
V/Q mismatch from dissecting aortic aneurysm, 190
- Technetium-99m diisopropyliminodiacetic acid (DISIDA)**
anomalous insertion of right hepatic duct into cystic duct, 61
bile peritonitis, 472
discordant uptake with Tc-99m colloid in segmental biliary obstruction, 599
discordance with Tc-99m SC, amebic abscess, 114
extraction fraction, P18
hepatocellular carcinoma in Alagille syndrome, 920
hepatocellular carcinoma on blood flow imaging, 325
intestinal malrotation, 835
liver excretory function in portal hypertension, P22
recanalized umbilical vein, 621
uptake in bone metastasis from hepatoma, 280
uptake with high bilirubin, 1
with morphine in acute cholecystitis, 4, 218
- Technetium-99m dimercaptosuccinic acid (DMSA)**
renal depth, 721
renal transplant, parenchymal malakoplakia, 525
- Technetium-99m (V) dimercaptosuccinic acid (DMSA)**
medullary thyroid carcinoma, 159
- Technetium-99m dimethyl iminodiacetic acid (HIDA)**
intrahepatic biliary obstruction from hydatid cysts, 334
liver transplant, quantitative, dynamic, P15
- Technetium-99m ethyl cysteinate dimer**
biodistribution on SPECT brain imaging, 71
characterization as brain perfusion agent, 71
comparison with Tc-99m HMPAO, SPECT, 71
- Technetium-99m glucoheptonate (GH)**
and Ga-67 in diffuse lung disease, 107
meningocele on renal imaging, 57
renal transplantation, hemolytic uremic syndrome, 171
viral encephalitis, 640
- Technetium-99m human serum albumin-sucalfate**
CSF leak, 701
gastric emptying with emesis, 638
pseudoaneurysm of celiac artery, 837
- Technetium-99m hydroxymethylene diphosphonate (HDP, HMDP)**
ascites, 138
femoral fracture mimicking osteomyelitis on 3 phase imaging, 38
inguinal hernia, 677
intervertebral disc, 928
noninflammatory entities and 3 phase imaging (Atlas article), 844
photopenia in bone metastasis, 371
polyostotic fibrous dysplasia, 241
- Technetium-99m hexamethylpropyleneamine (HMPAO)**
avascular necrosis, 44
bone metastasis, 595
brain, comparison with Tc-99m ethylene cysteinate dimer, 71
brain, SPECT and planar, (Atlas article), 139
SPECT, late onset psychosis, P15
- Technetium-99m isonitriles**
simultaneous ventricular function, myocardial perfusion, 77
- Technetium-99m labeled red blood cells**
acute gastric ulcer bleeding in infant, 467
battered child, abdominal bleeding, 546
calf muscle AVM, 86
dosemetry, 342
double inferior vena cava, 671
effect of contrast agents, 166
fistula from hepatic artery pseudoaneurysm to duodenum, 337
gallbladder visualization, 515
GI bleeding in leiomyoma, 23
hemangiopericytoma simulating accessory spleen, 812
horseshoe kidney simulating bleeding, 123
ileal cavernous hemangioma on blood flow, 32
in patients on doxorubicin, 169
inferior vena cava obstruction, 209
IVC obstruction, 763
liver hemangioma, 800
pelvic kidney displacing diverticular bleed, 463
retrograde flow on GI bleeding study, 56
ruptured hepatic artery aneurysm, 831
spinal vascular malformation, SPECT, 533
- Technetium-99m macroaggregated albumin (MAA)**
abnormal accumulation, 727
abnormal brain perfusion in congenital heart disease, 305
absent perfusion, ventilation with aortic aneurysm, 880
negative lower extremity venography, 26
photopenia ribs and clavicles, 545
quantitative imaging and radiotherapy, 644
regional bronchial flow in dogs, P16

- resolution of pulmonary embolism with streptokinase, 874
- superior vena cava obstruction, 407
- tumor microembolism, 543
- unresolved pulmonary embolism, 136
- V/Q mismatch from dissecting aortic aneurysm, 190
- V/Q mismatch in interstitial fibrosis, 878
- Technetium-99m 2-methoxy-isobutylisonitrile (MIBI) and Tl-201 in myocardial perfusion, P11
- Technetium-99m methylene diphosphonate (MDDP) (extraskelatal)
 - AA hepatic amyloidosis, 194
 - absent uptake in pulmonary alveolar microlithiasis, 883
 - amyloidosis, 675
 - calcific deposits in tumor lysis, 765
 - cardiac calcification, 153
 - cerebral infarction with SPECT, 268
 - cutaneous fistula from hip, 834
 - en bloc* osteocutaneous transplantation, 186
 - inguinal hernia, 127
 - intrarenal abscess, 127
 - ischemic hepatopathy, 759
 - lipid granulomatosis, 736
 - liver hemangioma, 132
 - liver metastases, 218
 - lung uptake after liver transplantation, 188
 - multiple myeloma, 869
 - nonmalignant pleural effusion, 298
 - prolapse of urinary bladder, 834
 - silent brain infarction with SPECT, 498
 - skull mucocele, 135
 - soft tissue in polymyositis, 291
 - spleen uptake in severe combined immunodeficiency disease, 339
 - streptococcal cellulitis, 359
 - subcutaneous ossification with SPECT, 423
 - synovial osteochondroma, 617
 - trochanteric bursitis, 561
 - vesicorectal fistula, 206, 625
- Technetium-99m methylene diphosphonate (MDP) (skeletal)
 - A-V dialysis shunt, on blood flow, 469
 - acute radiation induced inflammation, 430
 - asymmetric humeral head activity after radiation, 681
 - brucellosis, 102
 - chondromalacia of patella, 96
 - chronic osteomyelitis, 710
 - clavicular hyperostosis, 345
 - condensing osteitis of clavicle, 177
 - en bloc* osteocutaneous transplantation, 186
 - false negative during etidronate disodium therapy, 264
 - feet, P21
 - flare response in carcinoma of lung, 13
 - Gaucher's disease, 491
 - giant cell tumor of bone, 89
 - Gorlin's syndrome, 549
 - hemangioma, 768
 - hypertrophic osteodystrophy, 611
 - increased cervical spine uptake, 483
 - intraosseous ganglion, 647
 - lipid granulomatosis, 736
 - mastocytosis, 673
 - occult femoral, tibial fractures in infants, 271
 - osteopoikilosis, 816
 - pelvic infarction, 613
 - photopenia with hemangioma, 661
 - Schmorl's node, 615
 - soft tissue sarcoma and bone, 24 hour scan, 649
 - solitary spine abnormalities, 527
 - SPECT imaging of lumbosacral spine and pelvis (Atlas article), 907
 - SPECT, lumbosacral spine and pelvis, 327
 - spontaneous femoral osteonecrosis, 756
 - stress fracture of scapula, 531
 - time-activity curves on dynamic imaging, 517
 - treated monostotic Paget's disease, 93
- Technetium-99 pyrophosphate (PYP)
 - hepatocellular damage from verapamil, 368
- Technetium-99m sodium pertechnetate
 - accumulation in thyroid carcinoma, 276
 - adenocarcinoma in thyroglossal duct remnant, 378
 - and Tl-201 suppressed tissue, toxic nodular goiter, 283
 - bilateral Warthin's tumor, 892
 - carcinoma in hyperfunctioning thyroid nodule, 410
 - congenital hypothyroidism, 419
 - diverticulitis, 375
 - ectopic parathyroid adenoma, 130
 - false positive parathyroid with Tl-201, 294
 - hot nodule after thyroid aspiration, 131
 - parathyroid adenoma, intrathyroidal, 512
 - renal tubular cell active transport, 70
 - solitary toxic nodule after treatment of Graves' disease, 748
 - total body arteriography, 696
 - vs I-131 in thyroid carcinoma, 17
- Technetium-99m sulfur colloid (SC)
 - accessory spleen, 496
 - and CT in metastases and fatty infiltration of liver, 602
 - blood flow imaging, 402
 - bone marrow metastases, 919
 - cirrhosis and situs inversus, 301
 - computerized liver imaging in cirrhosis, 896
 - diaphragmatic eventration, 619
 - diffuse liver disease, 182
 - discordance with Tc-99m DISIDA, amebic abscess, 114
 - false positive GI bleeding from Paget's disease, 465
 - functional asplenia, idiopathic, 544
 - functional hyposplenia with AIDS, 840
 - gastric emptying, effect of Garren-Edwards bubble, 586
 - hemangiopericytoma simulating accessory spleen, 812
 - left hepatic lobe hot spots, SPECT, 580
 - osteomyelitis vs infarction in sickle hemoglobinopathy, 443

- osteonecrosis, 219
pelvic infarction, 613
pleuroperitoneal communication, 99
postpartum hemorrhage, 635
radiation and unusual liver configuration, 63
renal transplantation, hemolytic uremic syndrome, 171
SPECT cavernous hemangioma and other lesions, 237
SPECT liver imaging and CT, 397
superior vena cava obstruction on blood flow, 369
wandering spleen and decubitus views, 66
- Technetium-99m sulfur colloid aerosol
laryngeal injury, 204
- Testicular imaging
obstructive uropathy, 823
scrotal abscess, 761
- Thallium-201 thallous chloride
and Tc-99m isonitrile, 77
anomalous left coronary artery on SPECT, 629
brain tumors with SPECT, P10
cold thyroid nodule in Plummer's disease, 117
comparison with Tc-99m MIBI and Bo in myocardial perfusion, P11
dipyridamole in diabetes, 70
ectopic parathyroid adenoma, 130
effect of background subtraction on quantitative analysis, P20
false positive parathyroid with Tl-201, 294
head and neck cancer, 286
late reversibility and redistribution, P11
late reversibility, stress defects, ischemia and coronary stenosis, P12
lung tumor uptake, 214
medullary thyroid carcinoma, 159
multiple endocrine neoplasia, 433
myocardial kinetics with SPECT, P17
oral and intravenous dipyridamole, 786
parathyroid adenoma, intrathyroidal, 512
patient motion with myocardial SPECT, 321
prone vs supine SPECT, P11, 915
reliability of myocardial SPECT, 155
RV perfusion defects, P12
RV infarction, tetralogy of Fallot, 125
sensitivity, specificity in myocardial SPECT, P12
solitary, toxic thyroid nodule after treatment of Graves' disease, 748
SPECT in heart transplants, P12
suppressed tissue visualization, toxic nodular goiter, 283
whole body imaging in intermittent claudication, P24
- Therapy, radionuclide
mediastinal hemorrhage after hyperthyroid therapy, 574
medullary thyroid carcinoma, I-131 MIBG and anti-CEA antibodies/fragments, 159
- Re-186 anti-CEA F(ab')₂ antibody fragment, P14, P24
Sr-89 in bone metastases, P14
- Three phase bone imaging
femoral fracture mimicking osteomyelitis, 38
inguinal hernia, 677
intraosseous ganglion, 647
noninflammatory entities (Atlas article), 844
pedal osteomyelitis, P24
- Thyroid imaging
accumulation of I-131 and Tc-99m pertechnetate in carcinoma, 276
adenocarcinoma in thyroglossal duct remnant, 378
congenital hypothyroidism, 419
cyst as a target lesion, 211
false positive I-131 metastatic survey from colon replacement of esophagus, 182
false positive metastatic survey from renal cyst, 416
false positive metastatic survey, pectus excavatum, 207
Ga-67 in neoplasms, 792
Ga-67 uptake in amiodarone-induced hyperthyroidism, 258
Ga-67 uptake in Graves' disease, 663
Graves' disease pathogenesis, P18
hot nodule after aspiration, 131
hyperfunctioning nodule, thyroid carcinoma, 407
I-131 MIBG in medullary carcinoma metastasis, 577
I-131 MIBG in metastatic medullary thyroid carcinoma, 260
liver imaging on metastatic survey, 657
low iodine diet for I-131 scanning and therapy, 866
mediastinal hemorrhage after hyperthyroid therapy, 574
medullary thyroid carcinoma, 159
metastases, normal thyroglobulin, 652
solitary toxic nodule after treatment of Graves' disease, 748
squamous cell carcinoma, 346
struma cordis, 421
Tc-99m pertechnetate vs I-131 carcinoma, 17
Tl-201 and cold nodule in Plummer's disease, 117
Tl-201 and suppressed tissue visualization, toxic nodular goiter, 283
- X**
- Xenon-127
pulmonary embolism, 450
- Xenon-133
absent perfusion, ventilation with aortic aneurysm, 880
pulmonary embolism, 450
resolution of pulmonary embolism with streptokinase, 874
testicular blood flow, P25

